

Method Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\METHODS\
 Method File : 82Y052720S.M
 Title : SW846 8260
 Last Update : Wed May 27 13:13:33 2020
 Response Via : Initial Calibration

Calibration Files

5 =VY002755.D 10 =VY002756.D 20 =VY002757.D
 50 =VY002758.D 100 =VY002759.D 150 =VY002760.D

	Compound	5	10	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.409	0.357	0.328	0.317	0.353	0.300	0.344	11.20
3) P	Chloromethane	0.429	0.396	0.374	0.350	0.385	0.349	0.381	7.96
4) C	Vinyl Chloride	0.433	0.413	0.389	0.379	0.426	0.375	0.402	6.15#
5) T	Bromomethane	0.365	0.329	0.287	0.281	0.288	0.258	0.301	12.88
6) T	Chloroethane	0.280	0.273	0.259	0.249	0.258	0.245	0.261	5.20
7) T	Trichlorofluorome	0.774	0.740	0.698	0.689	0.709	0.664	0.712	5.50
8) T	Diethyl Ether	0.325	0.290	0.274	0.262	0.261	0.256	0.278	9.44
9) T	1,1,2-Trichlorotr	0.450	0.429	0.409	0.422	0.427	0.400	0.423	4.14
10) T	Methyl Iodide	0.553	0.564	0.576	0.617	0.640	0.601	0.592	5.67
11) T	Tert butyl alcoho	0.074	0.061	0.053	0.046	0.043	0.046	0.054	21.96
12) CM	1,1-Dichloroethen	0.452	0.436	0.418	0.416	0.425	0.404	0.425	3.97#
13) T	Acrolein	0.051	0.056	0.055	0.048	0.045	0.050	0.051	8.52
14) T	Allyl chloride	0.626	0.600	0.589	0.616	0.625	0.604	0.610	2.44
15) T	Acrylonitrile	0.127	0.128	0.125	0.125	0.122	0.125	0.125	1.68
16) T	Acetone	0.107	0.101	0.094	0.105	0.099	0.104	0.102	4.67
17) T	Carbon Disulfide	1.397	1.303	1.258	1.255	1.284	1.216	1.285	4.84
18) T	Methyl Acetate	0.367	0.268	0.267	0.255	0.243	0.257	0.276	16.39
19) T	Methyl tert-butyl	1.188	1.196	1.163	1.164	1.172	1.163	1.174	1.24
20) T	Methylene Chlorid	0.585	0.533	0.479	0.468	0.471	0.449	0.497	10.31
21) T	trans-1,2-Dichlor	0.505	0.488	0.467	0.469	0.484	0.457	0.478	3.62
22) T	Diisopropyl ether	1.264	1.300	1.259	1.264	1.278	1.241	1.268	1.57
23) T	Vinyl Acetate	0.770	0.854	0.826	0.865	0.854	0.854	0.837	4.23
24) P	1,1-Dichloroethan	0.756	0.751	0.733	0.741	0.749	0.720	0.742	1.79
25) T	2-Butanone	0.166	0.163	0.153	0.159	0.151	0.160	0.159	3.62
26) T	2,2-Dichloropropa	0.799	0.744	0.691	0.679	0.694	0.660	0.711	7.21
27) T	cis-1,2-Dichloroe	0.562	0.537	0.533	0.525	0.541	0.515	0.536	3.01
28) T	Bromochloromethan	0.297	0.323	0.315	0.302	0.297	0.292	0.304	4.00
29) T	Tetrahydrofuran	0.106	0.104	0.102	0.104	0.098	0.105	0.103	2.66
30) C	Chloroform	0.779	0.804	0.780	0.786	0.806	0.766	0.787	1.97#
31) T	Cyclohexane	0.877	0.770	0.706	0.694	0.709	0.662	0.736	10.48
32) T	1,1,1-Trichloroet	0.775	0.732	0.720	0.724	0.743	0.706	0.733	3.25
33) S	1,2-Dichloroethan	0.476	0.439	0.414	0.431	0.420	0.425	0.434	5.11

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.316	0.288	0.284	0.296	0.290	0.284	0.293	4.13
36) T	1,1-Dichloroprope	0.447	0.427	0.418	0.411	0.427	0.398	0.421	4.01
37) T	Ethyl Acetate	0.223	0.249	0.226	0.227	0.222	0.228	0.229	4.30
38) T	Carbon Tetrachlor	0.481	0.485	0.464	0.455	0.480	0.443	0.468	3.61
39) T	Methylcyclohexane	0.591	0.559	0.546	0.535	0.574	0.526	0.555	4.40
40) TM	Benzene	1.299	1.264	1.227	1.216	1.273	1.190	1.245	3.25
41) T	Methacrylonitrile	0.137	0.113	0.135	0.117	0.116	0.121	0.123	8.38
42) TM	1,2-Dichloroethan	0.362	0.361	0.344	0.339	0.351	0.336	0.349	3.20
43) T	Isopropyl Acetate	0.430	0.442	0.424	0.435	0.434	0.440	0.434	1.48
44) TM	Trichloroethene	0.416	0.405	0.386	0.384	0.395	0.372	0.393	4.03
45) C	1,2-Dichloropropa	0.309	0.301	0.293	0.294	0.304	0.291	0.298	2.39#
46) T	Dibromomethane	0.178	0.188	0.171	0.175	0.178	0.173	0.177	3.36
47) T	Bromodichlorometh	0.412	0.421	0.413	0.417	0.433	0.411	0.418	2.00
48) T	Methyl methacryla	0.197	0.194	0.191	0.195	0.199	0.200	0.196	1.70
49) T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.003	0.003	3.05
50) S	Toluene-d8	1.322	1.162	1.152	1.173	1.175	1.124	1.185	5.87
51) T	4-Methyl-2-Pentan	0.230	0.238	0.227	0.229	0.226	0.230	0.230	1.98
52) CM	Toluene	0.843	0.828	0.808	0.798	0.830	0.778	0.814	2.95#

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	Compound	5	10	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.453	0.455	0.449	0.454	0.474	0.453	0.456	1.89
54) T	cis-1,3-Dichlorop	0.518	0.518	0.516	0.514	0.532	0.505	0.517	1.65
55) T	1,1,2-Trichloroet	0.278	0.289	0.267	0.268	0.267	0.258	0.271	3.97
56) T	Ethyl methacrylat	0.349	0.369	0.359	0.364	0.373	0.367	0.363	2.38
57) T	1,3-Dichloropropa	0.457	0.462	0.445	0.437	0.448	0.429	0.446	2.75
58) T	2-Chloroethyl Vin	0.185	0.186	0.180	0.172	0.169	0.173	0.178	4.12
59) T	2-Hexanone	0.159	0.167	0.162	0.166	0.162	0.164	0.163	1.89
60) T	Dibromochlorometh	0.344	0.349	0.341	0.341	0.351	0.336	0.344	1.62
61) T	1,2-Dibromoethane	0.272	0.273	0.268	0.266	0.266	0.262	0.268	1.58
62) S	4-Bromofluorobenz	0.447	0.397	0.397	0.405	0.400	0.383	0.405	5.43
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.492	0.461	0.449	0.446	0.463	0.416	0.454	5.48
65) PM	Chlorobenzene	1.036	1.010	0.965	0.966	1.013	0.940	0.988	3.69
66) T	1,1,1,2-Tetrachlo	0.384	0.371	0.360	0.371	0.389	0.358	0.372	3.31
67) C	Ethyl Benzene	1.799	1.724	1.674	1.672	1.779	1.632	1.713	3.84#
68) T	m/p-Xylenes	0.688	0.667	0.654	0.652	0.689	0.636	0.664	3.21
69) T	o-Xylene	0.645	0.631	0.619	0.622	0.645	0.601	0.627	2.69
70) T	Styrene	1.087	1.089	1.078	1.083	1.134	1.052	1.087	2.44
71) P	Bromoform	0.252	0.250	0.244	0.248	0.255	0.246	0.249	1.51
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.359	3.177	3.107	3.124	3.349	3.110	3.204	3.71
74) T	N-amyl acetate	0.784	0.819	0.800	0.834	0.851	0.844	0.822	3.15
75) P	1,1,2,2-Tetrachlo	0.567	0.565	0.551	0.558	0.564	0.568	0.562	1.15
76) T	1,2,3-Trichloropr	0.471	0.459	0.442	0.444	0.444	0.442	0.451	2.68
77) T	Bromobenzene	0.898	0.830	0.804	0.810	0.858	0.806	0.834	4.47
78) T	n-propylbenzene	3.890	3.714	3.564	3.630	3.852	3.557	3.701	3.89
79) T	2-Chlorotoluene	2.177	2.084	2.016	2.018	2.146	2.016	2.076	3.47
80) T	1,3,5-Trimethylbe	2.791	2.664	2.602	2.634	2.800	2.562	2.675	3.70
81) T	trans-1,4-Dichlor	0.238	0.241	0.229	0.241	0.242	0.243	0.239	2.14
82) T	4-Chlorotoluene	2.270	2.199	2.101	2.141	2.247	2.094	2.175	3.45
83) T	tert-Butylbenzene	2.477	2.391	2.326	2.348	2.496	2.282	2.386	3.57
84) T	1,2,4-Trimethylbe	2.821	2.670	2.627	2.652	2.796	2.575	2.690	3.62
85) T	sec-Butylbenzene	3.492	3.269	3.174	3.189	3.383	3.071	3.263	4.69
86) T	p-Isopropyltoluen	3.163	3.013	2.989	2.986	3.180	2.886	3.036	3.74
87) T	1,3-Dichlorobenze	1.689	1.610	1.540	1.540	1.607	1.497	1.580	4.35
88) T	1,4-Dichlorobenze	1.733	1.577	1.545	1.535	1.606	1.489	1.581	5.33
89) T	n-Butylbenzene	2.904	2.777	2.724	2.714	2.843	2.578	2.757	4.11
90) T	Hexachloroethane	0.577	0.569	0.553	0.560	0.601	0.551	0.568	3.27
91) T	1,2-Dichlorobenze	1.507	1.455	1.412	1.411	1.457	1.358	1.433	3.57
92) T	1,2-Dibromo-3-Chl	0.109	0.109	0.105	0.107	0.109	0.110	0.108	1.55
93) T	1,2,4-Trichlorobe	1.176	1.071	1.067	1.056	1.093	1.019	1.080	4.88
94) T	Hexachlorobutadie	0.647	0.629	0.622	0.598	0.624	0.557	0.613	5.12
95) T	Naphthalene	2.254	2.141	2.119	2.134	2.194	2.154	2.166	2.32
96) T	1,2,3-Trichlorobe	1.036	0.981	0.940	0.931	0.978	0.922	0.965	4.42

(#) = Out of Range